

2666.300RE

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application of:	)	
	:	Examiner: Toan Tran
Sehat Sutardja, et al.	)	
	:	Group Art Unit: 2816
Appln. No.: Not Yet Assigned	)	
	:	
Filed: Concurrently herewith	)	
	:	
U.S. Patent No. 5,805,006	)	
	:	
Issued: September 8, 1998	)	
	:	
For: CONTROLLABLE INTEGRATOR	)	

Commissioner for Patents  
Washington, D.C. 20231

REISSUE DECLARATION AND POWER OF ATTORNEY

Sir:

We, Sehat Sutardja and Pantas Sutardja, U.S. citizens respectively residing at 11572 Seven Springs Drive, Cupertino, CA 95014, and 781 Springwood Drive San Jose, CA 95129, hereby declare and say that:

1. We believe that we are the original, first, and only joint inventors of the subject matter which is claimed in the subject reissue application and for which a reissue patent is sought on the invention entitled CONTROLLABLE INTEGRATOR, the specification of which is filed herewith.

2. We have reviewed and understand the contents of the reissue application, including the claims.

3. We acknowledge our duty to disclose to the Patent Office all information known to be material to patentability as defined in 37 C.F.R. § 1.56.

4. We believe that the original above-identified U.S. patent is partly inoperative by reason of our having claimed less than we had the right to claim in that patent. Specifically, the issued claims did not include a separate independent claim essentially corresponding to Claim 3 of the patent.

5. All errors being corrected in the subject reissue application up to the time of filing this Declaration, including the error identified above, arose without deceptive intent on our part.

6. We hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

**FITZPATRICK, CELLA, HARPER & SCINTO**  
Customer No. 05514

7. We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on information and belief are believed to be true; and

further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sehat Sutardja  
Sehat Sutardja

6/1/2000  
Date

Pantas Sutardja  
Pantas Sutardja

6/1/2000  
Date

MP0005REC1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Sutardja, Sehat et al.

Group Art Unit: 2816

Serial No.: 09/950,086

Examiner: Toan V. TRAN

Filed: September 12, 2001

Title: Controllable Integrator

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

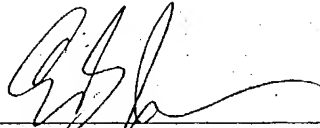
Please recognize as Associate Attorneys in this case:

Richard P. Bauer  
Registration No. 31,588

Andrew J. Bateman  
Registration No. 45,573

Please direct all correspondence relating to this application to:

Eric B. Janofsky  
General Patent Counsel  
Marvell Semiconductor, Inc.  
700 First Avenue, Mail Stop 509  
Sunnyvale, CA 94089  
General Telephone Number (408) 222-2500  
Facsimile (408) 752-9034  
Email: [janofsky@marvell.com](mailto:janofsky@marvell.com)

 6/23/03

Signature of Principal Attorney of Record

Eric B. Janofsky  
Reg. No. 30,759

Date:

6/23/03

F:\ejanofsky\CP\Letters\Associate-POW.DOT



23624

PATENT TRADEMARK OFFICE

2666.300RE

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application of:	)	
	:	Examiner: Toan Tran
Sehat Sutardja, et al.	)	
	:	Group Art Unit: 2816
Appln. No.: Not Yet Assigned	)	
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Filed: Concurrently herewith	)	
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U.S. Patent No. 5,805,006	)	
	:	
Issued: September 8, 1998	)	
	:	
For: CONTROLLABLE INTEGRATOR	)	
	:	

Commissioner for Patents  
Washington, D.C. 20231

ASSENT OF ASSIGNEE TO REISSUE

Sir:

Marvell Technology Group, Ltd., assignee of the entire right, title, and interest in United States Letters Patent No. 5,805,006 hereby assents to the above-identified application to reissue such Letters Patent.

The undersigned representative is empowered to sign this assent on behalf of Marvell Technology Group, Ltd. whose ownership of the subject patent is established in the Assignment, which was recorded in the U.S. Patent and Trademark Office at Reel 8516, Frame 0534.

The undersigned hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be

true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States code, and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Sehat Sutardja  
SIGNATURE

6/1/80  
DATE

Sehat Sutardja  
President, CEO, Co-chairman, Marvell Technology Group, Ltd.

2666.300RE

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application of:	)	
Sehat Sutardja, et al.	:	Examiner: Toan Tran
Appln. No.: 09/609,007	)	
	:	Group Art Unit: 2816
Filed: June 22, 2000	)	
	:	
U.S. Patent No. 5,805,006	)	
	:	
Issued: September 8, 1998	)	
	:	
For: CONTROLLABLE INTEGRATOR	)	
	:	

DECLARATION AS TO LOSS OF LETTERS PATENT

Sir:

We, Sehat Sutardja and Pantas Sutardja, U.S. citizens respectively residing (and having Post Office addresses) at 11572 Seven Springs Drive, Cupertino, CA 95014, and 781 Springwood Drive San Jose, CA 95129, hereby declare and say that:

1. We believe that we are the original, first, and only joint inventors of the subject matter which is claimed in the subject reissue application identified above.
2. The said original Letters Patent is lost or inaccessible.

3. We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sehat Sutardja  
Sehat Sutardja

Dec 13, 2000  
Date

Pantas Sutardja  
Pantas Sutardja

Dec 13, 2000  
Date





**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 27, 2001

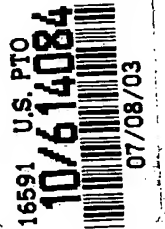
PTAS



\*101617218A\*

KATTEN MUCHIN ZAVIS  
PATENT ADMINISTRATOR  
525 WEST MONROE STREET  
SUITE 1600  
CHICAGO, IL 60661-3693

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/02/2001

REEL/FRAME: 011513/0606  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

MARVELL TECHNOLOGY GROUP, LTD.

DOC DATE: 01/19/2001

**ASSIGNEE:**

MARVELL INTERNATIONAL LTD.  
CEDAR HOUSE, 41 CEDAR AVENUE  
HAMILTON HM 12, BERMUDA

SERIAL NUMBER: 09609007  
PATENT NUMBER:

FILING DATE: 06/22/2000  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## BOX ASSIGNMENTS

02-20-2001

DO NOT USE FOR TRADEMARKS

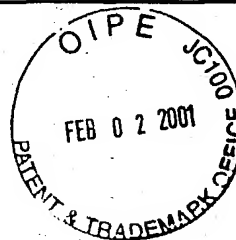
RECD  
PATENTTO THE ASSISTANT COMMISSIONER OF PATENT  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

101617218

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. MARVELL TECHNOLOGY GROUP, LTD.

2. 2.01

2.  
3.  
4.  
5.  
6.  
7.  
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: MARVELL INTERNATIONAL LTD.

ADDRESS: Cedar House, 41 Cedar Avenue, Hamilton HM 12, Bermuda

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☐ WHOLE ☐ PART INTEREST  
☐ ORIGINAL ☐ FACSIMILE/PHOTOCOPY  
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: January 19, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
09/609,007	Jun 22, 2000				

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:Patent Administrator  
Katten Muchin Zavis  
525 West Monroe Street  
Suite 1600  
Chicago, Illinois 60661-369313. NUMBER INVOLVED:  
APPLNS 0 + PATS 1 = TOTAL7. AMOUNT OF FEE ENCLOSED: (Code 581)  
ABOVE TOTAL x \$40 = \$

ATTY DKT: MP0005RE

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-1710

PMS

UNDER ORDER NO

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

02/16/2001 HANDED 00000076 501710 09609007

01 FC:581 40.00 CH

## 9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

Attorney: Richard P. Bauer

Reg. No. 31,588

Atty/Sec: / TEL: 202-625-3500

10. Total number of pages including this  
cover sheet, attachments and document  
(do not file dup. Cover sheet)

5

Date: January 31, 2001

FAX: 202-298-7570

## ASSIGNMENT

### Corporate

Marvell Technology Group, Ltd., a corporation of Bermuda, having a place of business at Richmond House, 3rd floor, 12 Parla Ville Road, Hamilton HM DX, Bermuda (hereafter the "Assignor"), is the owner by respective Assignments of United States Letters Patents and Patent Applications identified below.

Marvell International Ltd., a corporation of Bermuda, having a place of business at Cedar House, 41 Cedar Avenue, Hamilton HM 12, Bermuda. (hereafter the "Assignee"), desires to acquire all of the rights to the Letter Patents, Patent Applications and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patents and Patent Applications identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

CaseNumber	AppNumber	FileDate	PatNum	IssDate
MP0001	08/493799	22-Jun-1995	5576647	19-Nov-1996
MP0001.D1	08/660006	03-Jun-1996	5635879	03-Jun-1997
MP0001.D2	08/657087	03-Jun-1996	5686867	11-Nov-1997
MP0002	08/646916	08-May-1996		
MP0003	08/827030	25-Mar-1997	5869988	09-Feb-1999
MP0004	08/847912	28-Apr-1997	5861829	19-Jan-1999
MP0005	08/848549	28-Apr-1997	5805006	08-Sep-1998
MP0005RE	09/609007	22-Jun-2000		
MP0006	08/847933	28-Apr-1997	5764718	09-Jun-1998
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MP0007	08/848525	28-Apr-1997	5831456	03-Nov-1998
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MP0009.C1	09/605133	27-Jun-2000		
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MP0016	09/501556	09-Feb-2000		
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MP0019	09/746687	22-Dec-2000		
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MP0023	09/572155	17-May-2000		
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MP0028	09/589417	07-Jun-2000		
MP0030	09/587991	06-Jun-2000		
MP0031	09/599907	23-Jun-2000		
MP0032	09/578886	26-May-2000		
MP0033	09/713199	16-Nov-2000		
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MP0036	09/528314	20-Mar-2000		
MP0037	09/566861	08-May-2000		
MP0039	09/629092	31-Jul-2000		
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MP0065	09/730603	07-Dec-2000		
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MP0061	09/648464	28-Aug-2000		
MP0060	09/654392	01-Sep-2000		
MP0059	09/648462	28-Aug-2000		
MP0057	09/643819	22-Aug-2000		
MP0058	09/648770	28-Aug-2000		
MP0056PR	60/217612	11-Jul-2000		
MP0056	09/660929	13-Sep-2000		
MP0055	09/660,392	12-Sep-2000		
MP0054	09/697714	27-Oct-2000		
MP0053	09/725818	30-Nov-2000		
MP0051	09/615063	12-Jul-2000		
MP0051PR	60/199277	24-Apr-2000		
MP0050	09/583316	30-May-2000		
MP0049	09/615062	12-Jul-2000		
MP0046	09/699513	31-Oct-2000		
MP0045PR	60/205795	17-May-2000		

MP0045	09/620545	20-Jul-2000		
MP0044PR	60/194660	04-Apr-2000		
MP0044	09/603188	26-Jun-2000		
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MP0043	09/661912	14-Sep-2000		
MP0042PR	60/217,418	11-Jul-2000		
MP0042	09/678728	04-Oct-2000		
MP0041	09/564711	03-May-2000		
MP0040	09/629095	31-Jul-2000		
MP0038	09/559186	27-Apr-2000		
MP0073	09/738715	15-Dec-2000		
MP0013	09/434207	04-Nov-1999		
MP0024	09/536120	27-Mar-2000		
MP0074PR	60/229533	05-Sep-2000		
MP0007RE	09/695035	25-Oct-2000		
MP0076PR	60/236180	29-Sep-2000		
MP0077PR	60/239254	12-Oct-2000		
MP0080PR	60/249287	17-Nov-2000		
MP0082PR	60/256116	15-Dec-2000		
MP0083PR	60/256117	15-Dec-2000		
MP0086PR	60/256535	18-Dec-2000		

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patents, Patent Applications and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patents, Patent Applications or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and
- c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patents, Patent Applications and on any continuation, division, reissue or reexamination of any of the Patent Application.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

Marvell Technology Group, Ltd., a corporation of Bermuda, certifies that it is the Assignee of the entire right, title and interest in the Patents and Patent Applications

identified above by virtue of corresponding Assignments recorded in the Patent and Trademark Office.

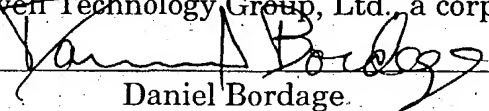
The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

Marvel Technology Group, Ltd., a corporation of Bermuda,

By:

  
Daniel Bordage

Title: General Manager

Date - 19/01/01